

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L3    | 4671 | ((access\$3 or request\$3) with (program\$1 or application\$1 or service\$1) with (read or write or input or output) with (authoriz\$5 or allow\$4 or grant\$3 or permission\$1 or permit\$4) ) and @ad<"20031001"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/01/20 10:59 |
| L4    | 355  | ((((access\$3 or request\$3) with (program\$1 or application\$1 or service\$1) with (read or write or input or output) with (authoriz\$5 or allow\$4 or grant\$3 or permission\$1 or permit\$4)) same database\$1 ) and @ad<"20031001"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/01/20 10:59 |
| L5    | 10   | ((((access\$3 or request\$3) with (program\$1 or application\$1 or service\$1) with (read or write or input or output) with (authoriz\$5 or allow\$4 or grant\$3 or permission\$1 or permit\$4)) same database\$1 same (mirror\$3 or replicat\$3 or synchroniz\$5) ) and @ad<"20031001" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/01/20 11:03 |
| L6    | 1555 | ((((access\$3 ) with (program\$1 ) with (authoriz\$5 or allow\$4 or grant\$3 or permission\$1 or permit\$4)) same database\$1 ) and @ad<"20031001"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/01/20 11:04 |
| L7    | 409  | ((((access\$3 ) near5 (program\$1 ) near5 (authoriz\$5 or allow\$4 or grant\$3 or permission\$1 or permit\$4)) with database\$1 ) and @ad<"20031001"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/01/20 11:04 |
| L8    | 11   | ((((access\$3 ) near5 ((list\$1 or table\$1) near3 program\$1 ) near5 (authoriz\$5 or allow\$4 or grant\$3 or permission\$1 or permit\$4)) with database\$1 ) and @ad<"20031001"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/01/20 11:07 |
| L9    | 42   | (( ((list\$1 or table\$1) near3 program\$1 ) near5 (authoriz\$5 or allow\$4 or grant\$3 or permission\$1 or permit\$4)) with database\$1 ) and @ad<"20031001"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/01/20 11:08 |

## EAST Search History

|    |         |                    |   |    |     |                  |
|----|---------|--------------------|---|----|-----|------------------|
| S1 | 1664954 | computer           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 13:43 |
| S2 | 4       | "781677".ap.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/10 10:19 |
| S3 | 3       | "20020198899"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 12:47 |
| S4 | 2       | "20040215637"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 13:18 |
| S5 | 31904   | kitamura.in.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 13:19 |
| S6 | 1800    | S5 and Hitachi     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 13:19 |
| S7 | 32      | S6 and database\$1 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 13:19 |
| S8 | 6       | S7 and duplicat\$5 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 13:34 |

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|     |         |                        |   |    |     |                  |
|-----|---------|------------------------|---|----|-----|------------------|
| S9  | 6       | "822273".ap.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 13:45 |
| S10 | 22632   | database and duplicate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 13:46 |
| S11 | 15435   | S10 and @ad<"20030101" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 13:49 |
| S12 | 1       | "6658541".uref.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 13:48 |
| S13 | 0       | "20020059324".uref.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 13:48 |
| S14 | 6543260 | second                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 13:49 |
| S15 | 14072   | S11 and second         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 13:49 |
| S16 | 6143    | S15 and switch\$5      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 13:50 |

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|-----|-----|--|---|----|-----|------------------|
| S17 | 995 | S16 and (switch\$5 with access)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 13:51 |
| S18 | 513 | S17 and (log or history)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 13:51 |
| S19 | 157 | S17 and ((log or history) with database\$1)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 14:51 |
| S20 | 2   | "20020188887"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 14:52 |
| S21 | 2   | "20030065780"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 15:06 |
| S22 | 2   | "20030065780" and (log or history or switch\$4 or duplicate or access) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 15:17 |
| S23 | 1   | "6567811".pn. and (log or history or switch\$4 or duplicate or access) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 15:18 |
| S24 | 1   | "6691245".pn. and (log or history or switch\$4 or duplicate or access) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 15:19 |

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|     |   |  |   |    |     |                  |
|-----|---|--|---|----|-----|------------------|
| S25 | 1 | "5742792".pn. and (log or history or switch\$4 or duplicate or access) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 15:21 |
| S26 | 2 | "6757698".pn. and (log or history or switch\$4 or duplicate or access) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 15:46 |
| S27 | 1 | "6047294".pn. and (log or history or switch\$4 or duplicate or access) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 16:00 |
| S28 | 0 | "610497".pn. and (log or history or switch\$4 or duplicate or access)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 16:02 |
| S29 | 2 | "6101497".pn. and (log or history or switch\$4 or duplicate or access) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/12 16:03 |
| S30 | 0 | "20030065780" and parallel   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/13 10:42 |
| S31 | 2 | "20030065780"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/13 10:42 |
| S32 | 0 | "20030065780" and concurrent   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/13 10:46 |

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|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S33 | 20  | "6047294" and (parallel or concurrent)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/13 10:46 |
| S34 | 0   | "6047294".pn. and (parallel or concurrent)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/13 10:46 |
| S35 | 1   | "5742792".pn. and (parallel or concurrent)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/13 10:55 |
| S36 | 0   | "6691245".pn. and (parallel or concurrent)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/13 10:56 |
| S37 | 0   | "6567811".pn. and (parallel or concurrent)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/13 10:56 |
| S38 | 1   | "6757698".pn. and (parallel or concurrent)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/13 10:56 |
| S39 | 2   | "20030065780"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/10 10:34 |
| S40 | 653 | ((organiz\$5 or reorganiz\$5 or re?organiz\$5) near5 ((database\$1 or storage\$1 or back?up\$1 or backup\$1) with (first or original or existing or current) )) and @ad<"20030501" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/10 10:47 |

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|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S41 | 53  | ((reorganiz\$5 or re?organiz\$5) near5 ((database\$1 or storage\$1 or back?up\$1 or backup\$1) with (first or original or existing or current) )) and @ad<"20030501"                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/10 10:47 |
| S42 | 79  | ((reorganiz\$5 or re?organiz\$5 or restructur\$3 or re?structur\$3) near5 ((database\$1 or storage\$1 or back?up\$1 or backup\$1) with (first or original or existing or current) )) and @ad<"20030501" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/10 13:52 |
| S43 | 1   | "20030065780" and (updat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/10 14:22 |
| S44 | 2   | "20030135478"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/10 14:22 |
| S45 | 2   | "20060031254"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/10 16:23 |
| S46 | 2   | "20040215637" and access\$2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 14:29 |
| S47 | 302 | "5742792" and access\$2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 14:02 |
| S48 | 1   | "5742792".pn. and access\$2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 14:00 |

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|     |        |   |   |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| S49 | 194    | "5742792" and (replica or mode)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 14:02 |
| S50 | 1      | "20040215637" and (replica or mode)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 14:02 |
| S51 | 2      | "20030065780" and (replica or synchron\$7 or access\$2 or determin\$5)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 14:36 |
| S52 | 1      | "6101497".pn. and (access\$2 with (backup\$1 or synchron\$7 or mirror\$3 or replic\$5))             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 14:37 |
| S53 | 2      | "6101497".pn. and (access\$2 same (backup\$1 or synchron\$7 or mirror\$3 or replic\$5))             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 14:58 |
| S54 | 2      | "20030135478" and (access\$2 same (backup\$1 or synchron\$7 or mirror\$3 or replic\$5))             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 15:05 |
| S55 | 0      | ( while with (replica\$4 or mirror\$3 or synchron\$7) with (access or allow\$3)) and @ad<"20031001" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 15:07 |
| S56 | 103826 | ((replica\$4 or mirror\$3 or synchron\$7) with (access or allow\$3)) and @ad<"20031001"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/20 10:56 |



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|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S57 | 15932 | ((replica\$4 ) with (access or allow\$3)) and @ad<"20031001"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 15:08 |
| S58 | 0     | (while with (replica\$4 ) with (access or allow\$3)) and @ad<"20031001"                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 15:08 |
| S59 | 3539  | (determin\$5 with (replica\$4 or mirror\$3 or synchron\$7) with (access or allow\$3)) and @ad<"20031001" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 15:10 |
| S60 | 1632  | (determin\$5 with (replica\$4 or mirror\$3 or synchron\$7) with (access\$3 )) and @ad<"20031001"         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 15:12 |
| S61 | 348   | S60 and (database\$1)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/19 15:13 |